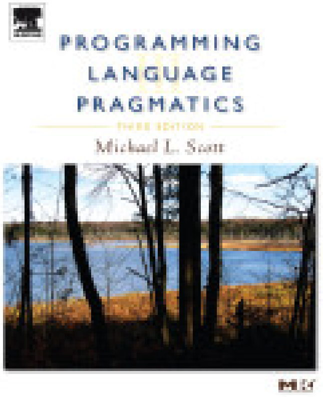

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UPDATED 3/2011: I had originally posted the review below, complaining that the Kindle version of Programming Language Pragmatics was a rip-off, because (1) you didn't get the CD that accompanies the print version, and (2) that missing CD includes large portions of the book. In March 2011, the publisher posted a responsive comment providing a link to an on-line copy of the material on the CD. Currently, the url is [...] . Given that the missing parts of the book are now available even if one buys the Kindle version, my original complaints about the book are no longer valid. I've kept the original review below just for context, but please note that I now have only good things to say about the book, which is worth reading in its entirety.

ORIGINAL REVIEW from 12/2010 (NOW SUPERSEDED - see above): Michael L. Scott's Programming Language Pragmatics is an excellent book about programming languages, language design, and compilers. Unfortunately, the Kindle edition simply omits large portions of the book. It's a rip-off. If you want the complete book, stick with the print edition. Here's the problem. Starting with the second edition, and continuing with the third edition, parts of the print edition were moved to a companion CD - for example, parts of chapters 2, 3, and 4, and all of chapter 5, are on the companion CD that accompanies the print edition - in order to keep the print edition from being too thick. Unfortunately, in the Kindle edition, they have neither integrated the companion CD into the text, nor provided you with the CD (or its contents) - you simply don't get those portions of the book at all. This is a rip-off - you are paying just as much for the Kindle edition as you would for the print edition, but not getting the entire book. I was looking forward to reading this on my Kindle, having read prior editions in hardcopy, but once I realized that I didn't get the entire book, I had Amazon refund my money and ordered the print edition.

As other reviewers have stated, this is NOT a beginner's book, as it assumes you know the basics of programming paradigms and structures. HOWEVER, if you know coding relatively well in at least one language, and understand the basics of compilers and machine-code interfaces, you CAN PROFIT GREATLY from this text with Wiki close at hand. For example, want to explore how name binding and scope differ between imperative and functional? This will give you the answers, but you'll need to re-study the concepts themselves to follow the logic, as the descriptions are both broad ranging and detailed.

We recommend this text to technical libraries along with two others: Engineering a Compiler, Second Edition and Programming Language Processors in Java: Compilers and Interpreters. Why? Because the ACADEMIC approach to this topic is almost always functional (read: Lisp, Scheme, Racket, Clojure, etc.) because those languages, although tough, make great IDE's/SDK's for creating an entire development environment, from machine language to compiler/interpreter, all virtual.

I'm into it and love Lisp, but if you then mention the word "practical" you and I both know that we're not going to be asked to solve a problem in Racket, even though we might model it there! And this text is WAY practical, favoring object orientation as well as concurrent/parallel problems because: that's where the problems ARE today! You can certainly model and solve them in Lisp, but we have to face reality-- companies and customers will want it in C, C++, C# Java, Python, etc. at a minimum.

But given that, this text also has extreme inductive value-- generalizing those language concepts to non specific principles you'll need from the 30,000 foot view in selecting mixed paradigms, stack vs. heap choices, data structure decisions, etc. NOT an easy read, but every page is packed with relevant insights, and is an eye opener about very recent research in numerous interface areas (memory, compiler, queueing, calls, binding strategies, etc.). Recommended at the normal publisher's usurious price of over $200, a MUST have with an author/publisher willing to price this fine a text within reach of those of us on a budget, or the parents of students on a budget. I sure wish other authors/publishers would take a lesson from this title. I kid you not, a similar but dated title from Springer is going for $251 used here on Amazon, and is good, but not nearly as good as this one!

CD NOTE: The publisher's review comments on the "companion CD" even for the third edition, which is incorrect. ALL CD materials for the new/paperback edition have been moved to the elsevierdirect dot com companion site (/ISBN 13). So DO NOT RETURN THIS BOOK BECAUSE YOU THINK THEY FORGOT THE CD! It still talks all about the "companion CD" in the intro and at the end, but you have to read the tiny box at the very bottom of the very last page (911) to see the message that the CD is no longer included! Just didn't want you to think you were ripped off.

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Michael L. Scott is a professor in the University of Rochester's Department of Computer Science, which he chaired from 1996 to 1999. He is the designer of the Lynx distributed programming language and a co-designer of the Charlotte and Psyche parallel operating systems, the Bridge parallel file system, the Cashmere distributed shared memory system, and the MCS mutual exclusion lock. He received his Ph.D. from the University of Wisconsin-Madison in 1985.

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For almost a decade, Michael Scott's classic book has been doing all of the above. His brilliant method of illuminating theoretical topics with practical implementation examples provides two-in-one coverage not found in any other text. After all, what good is knowing all the formalisms of a programming language if you don't know how a computer uses it?

The new third edition keeps this must-have reference's coverage fresh and relevant, in order to adequately prepare students for the realities of life outside the ivory tower, and provide professionals with a broader and deeper view than they could ever acquire with furtive glances at a "dummies" book behind cubicle walls.

Programming Language Pragmatics addresses the fundamental principles at work in the most important contemporary languages, highlights the critical relationship between language design and language implementation, and devotes special attention to issues of importance to the expert programmer. Thanks to its rigorous but accessible teaching style, you'll emerge better prepared to choose the best language for particular projects, to make more effective use of languages you already know, and to learn new languages quickly and completely.

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Scott received a PhD from the University of Wisconsinâ€“Madison in 1985. He joined the faculty at Rochester the same year as an assistant professor of computer science. Scott was chair of the computer science department from 1996 until 1999, when he was succeeded by Mitsunori Ogihara. He served again as interim chair from July to December 2007.

Dr. Scott is a Unitarian Universalist. He served as secretary of the New York State Convention of Universalists from 1991 to 1999 and as President from 2001 to 2005. In June 2004, he spoke at the Unitarian Universalist Association General Assembly in favor of electronic voting machines, so long as they retained a paper backup.

"This book is a key resource for any computer science student and is certainly faithful to its title - Programming Language Pragmatics.. Changes in the Third Edition; How to Use the Book; Supplemental Materials; Acknowledgments for. Programming Language Pragmatics - University of Rochester Computer. Programming Language Pragmatics - Michael Lee Scott - Google Books Review: Programming Language Pragmatics User Review - Goodreads. . Programming Language Pragmatics by Michael L Scott - Find this book online from $2.95. It is n... Foreward by Barbara Ryder, Virginia Tech Preface. Get new, rare & used books at our marketplace. Programming Language Pragmatics has 57 ratings and 4 reviews. Programming Language Pragmatics by Michael L. The updated third edition of. Scott - Google Books Programming Language Pragmatics is the most comprehensive programming language textbook available today. Save money & smile! Programming Language Pragmatics By: Scott, Michael L. Programming Language Pragmatics - Michael L. Scott - Google Books amazon.com Amazon.com: Programming Language Pragmatics, Second. Programming Language Pragmatics - Michael L. Programming Language Pragmatics by Michael L Scott - New, Rare. - eBook - Kobo Read Programming Language Pragmatics By: Scott, Michael L. Programming Language Pragmatics, Third Edition: Michael L. On-line resources. Scott. - eBook at KoboBooks.com. Taking the perspective that language design and language. Share your own customer images Search inside another edition of this book Programming Language. Synopsis: The innovative approach of the first edition of Programming Language. David said: The scope of Proglangprag (how I've taken to saying it) is enormous. Bought this book in about 2000 for a college course, and held onto it all this time

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